

Author index to volume 261

- Abe, J., N. Nemoto, Y. Nagase and Y. Shirai, Ab initio MO investigations of molecular structures in the ground and first excited states of heterocyclic pyridinium betaine 261 (1996) 18
- Adamowicz, L., see Elkadi, Y. 261 (1996) 507
- Adamson, R.D., see Gill, P.M.W. 261 (1996) 105
- Adelmann, P., see Cummins, T.R. 261 (1996) 228
- Aguilar, A., see Romero, T. 261 (1996) 583
- Akasaka, T., see Kobayashi, K. 261 (1996) 502
- Al-Omari, A.K., see Altmann, K.N. 261 (1996) 597
- Albertí, M., see Romero, T. 261 (1996) 583
- Allouche, A.-R., see Antoine, R. 261 (1996) 670
- Altmann, K.N., A.K. Al-Omari and R. Reininger, Field ionization of Wannier excitons in liquid xenon 261 (1996) 597
- Andrews, S.B., N.A. Burton, I.H. Hillier, J.M. Holender and M.J. Gillan, Molecular electronic structure calculations employing a plane wave basis: a comparison with Gaussian basis calculations 261 (1996) 521
- Antoine, R., Ph. Dugourd, D. Rayane, A.-R. Allouche, M. Aubert-Frécon and M. Broyer, On the optical absorption spectrum of Li_2H 261 (1996) 670
- Aratono, Y., see Kumada, T. 261 (1996) 463
- Armbruster, J.F., see Cummins, T.R. 261 (1996) 228
- Ashfold, M.N.R., see Johnson III, R.D. 261 (1996) 474
- Aubert-Frécon, M., see Antoine, R. 261 (1996) 670
- Bačić, Z., see Sabo, D. 261 (1996) 318
- Baer, T., see Mayer, P.M. 261 (1996) 155
- Bai, Y., see Ravichandran, K. 261 (1996) 261
- Ball, G.E., G.J. Bowden, T.H. Heseltine, M.J. Prandolini and W. Bermel, Radiation damping artifacts in 2D COSY NMR experiments 261 (1996) 421
- Baraldi, A., see Comelli, G. 261 (1996) 253
- Barnes, I., see Wängberg, I. 261 (1996) 138
- Bauschlicher Jr., C.W., The $\text{B}(\text{H}_2)_n\text{-H}_2$ binding energies, for $n = 0\text{--}3$ 261 (1996) 637
- Becker, K.H., see Wängberg, I. 261 (1996) 138
- Berardi, R., S. Orlandi and C. Zannoni, Antiphase structures in polar smectic liquid crystals and their molecular origin 261 (1996) 357
- Bermel, W., see Ball, G.E. 261 (1996) 421
- Bittl, R., see Zweggart, W. 261 (1996) 272
- Bitto, H. and R.T. Carter, Comment on "Lifetimes of vibrational levels in the $\tilde{\text{B}}^2\text{A}'$ state of HCO " 261 (1996) 385

- Bitto, H., see Gejo, T. 261 (1996) 443
 Blackford, M., see Gadd, G.E. 261 (1996) 221
 Blumstengel, S., see Frankevich, E.L. 261 (1996) 545
 Bouanich, J.P., see Ozanne, L. 261 (1996) 353
 Boulet, C., see Ozanne, L. 261 (1996) 353
 Bowden, G.J., see Ball, G.E. 261 (1996) 421
 Bratos, S. and J.-C. Leicknam, Ultrafast transient absorption spectroscopy of the hydrated electron: a theory 261 (1996) 117
 Brodsky, A., Is there predictive value in water computer simulations? 261 (1996) 563
 Broyer, M., see Antoine, R. 261 (1996) 670
 Brumer, P., see Dods, J. 261 (1996) 612
 Buchachenko, A.A. and N.F. Stepanov, Structure and interaction energies of the $\text{Ar}\dots\text{Cl}_2$ complex. Application of first-order intermolecular potentials 261 (1996) 591
 Bündgen, P., A.J. Thakkar, F. Grein, M. Ernzerhof, C.M. Marian and B. Nestmann, Moments of the quadrupole oscillator strength distribution for O_2 , N_2 , CO , HF , HCl , N_2O , CO_2 , OCS , CS_2 and C_2H_2 : ab initio sum rule calculations 261 (1996) 625
 Bürk, M., see Cummins, T.R. 261 (1996) 228
 Burton, N.A., see Andrews, S.B. 261 (1996) 521

 Caballol, R., see García, V.M. 261 (1996) 98
 Caminati, W., see Melandri, S. 261 (1996) 267
 Cao, J. and G.A. Voth, A theory for the quantum activated rate constant in dissipative systems 261 (1996) 111
 Carrington, T., see Eng, R. 261 (1996) 651
 Carter, R.T., see Bitto, H. 261 (1996) 385
 Ceursters, B., see Devriendt, K. 261 (1996) 450
 Chaban, A.N., see Frankevich, E.L. 261 (1996) 545
 Chachisvilis, M. and V. Sundström, Femtosecond vibrational dynamics and relaxation in the core light-harvesting complex of photosynthetic purple bacteria 261 (1996) 165
 Champagne, B., Vibrational polarizability and hyperpolarizability of *p*-nitroaniline 261 (1996) 57
 Chance, M., see Haran, G. 261 (1996) 389
 Chen, J.-T., see Cheng, W.-D. 261 (1996) 66
 Chen, R. and H. Guo, Extraction of resonances via wave packet propagation in Chebyshev order domain: collinear $\text{H} + \text{H}_2$ scattering 261 (1996) 605
 Cheng, W.-D., J.-T. Chen, J.-S. Huang and Q.-E. Zhang, Theoretical studies of the electronic structures and linear, nonlinear optics of $\text{K}_{3-x}\text{Li}_{2+x}\text{Nb}_5\text{O}_{15}$ with $x = 0$ and $x = 1$ 261 (1996) 66
 Chergui, M., see Sassara, A. 261 (1996) 213
 Cho, B.R., see Song, N.W. 261 (1996) 307
 Christiansen, O., J. Olsen, P. Jørgensen, H. Koch and P.-Å. Malmqvist, On the inherent divergence in the Møller–Plesset series. The neon atom – a test case 261 (1996) 369
 Cicman, P., see Matejcik, S. 261 (1996) 437
 Cocco, D., see Comelli, G. 261 (1996) 253
 Comay, E., Comment on the longitudinal magnetic field of circularly polarized electromagnetic waves 261 (1996) 601
 Comelli, G., A. Baraldi, S. Lizzit, D. Cocco, G. Paolucci, R. Rosei and M. Kiskinova, Real-time X-ray photoelectron spectroscopy study of dissociative oxygen adsorption on $\text{Rh}(110)$ 261 (1996) 253

- Cowen, K.A., see Lorenz, K.T. 261 (1996) 145
- Cue, N., see Ding, J. 261 (1996) 92
- Cummins, T.R., M. Bürk, M. Schmidt, J.F. Armbruster, D. Fuchs, P. Adelmann, S. Schuppler, R.H. Michel and M.M. Kappes, Electronic states and molecular symmetry of the higher fullerene C_{80} 261 (1996) 228
- Das, G.P., see Majumder, C. 261 (1996) 515
- Daudey, J.P., see Romero, T. 261 (1996) 583
- De Andrés, J., see Romero, T. 261 (1996) 583
- Decurtins, S., see Hauser, A. 261 (1996) 313
- Deeth, R.J., Transition state symmetries and theoretical activation enthalpies for chloride exchange at planar $[PdCl_4]^{2-}$ 261 (1996) 45
- De Melo, C.P. and T.L. Fonseca, Ab initio polarizabilities of polyenic chains with conformational defects 261 (1996) 28
- Devriendt, K., H. Van Look, B. Ceursters and J. Peeters, Kinetics of formation of chemiluminescent $CH(A^2\Delta)$ by the elementary reactions of $C_2H(X^2\Sigma^+)$ with $O(^3P)$ and $O_2(X^3\Sigma_g^-)$: a pulse laser photolysis study 261 (1996) 450
- Ding, J., N. Lin, L.-T. Weng, N. Cue and S. Yang, Isolation and characterization of a new metallofullerene $Nd@C_{82}$ 261 (1996) 92
- Dods, J., D. Gruner and P. Brumer, A genetic algorithm approach to fitting polyatomic spectra via geometry shifts 261 (1996) 612
- Domen, K., see Fujino, T. 261 (1996) 534
- Drobizhev, M.A., see Scheblykin, I.G. 261 (1996) 181
- Dugourd, Ph., see Antoine, R. 261 (1996) 670
- Dutton, P.L., see Kumble, R. 261 (1996) 396
- Elcombe, M., see Gadd, G.E. 261 (1996) 221
- Elkadi, Y. and L. Adamowicz, Dipole-bound anions of ethylene glycol dimers. Theoretical ab initio study 261 (1996) 507
- Endo, S., see Ueda, K. 261 (1996) 295
- Eng, R., H.M. Lambert, R. Fei, T. Carrington and S.V. Filseth, Energy disposal in $CN(A^2\Pi)$ produced in the 157 nm photodissociation of C_2N_2 261 (1996) 651
- Engels, B., see Suter, H.U. 261 (1996) 644
- Ernzerhof, M., see Bündgen, P. 261 (1996) 625
- Evans, P.J., see Gadd, G.E. 261 (1996) 221
- Favero, P.G., see Melandri, S. 261 (1996) 267
- Fehér, M. and P.A. Martin, Ab initio calculation of the electrical properties of the $X^2\Pi_g$ ground state of O_2^+ 261 (1996) 23
- Fei, R., see Eng, R. 261 (1996) 651
- Filseth, S.V., see Eng, R. 261 (1996) 651
- Fleming, P.E., see Lorenz, K.T. 261 (1996) 145
- Fletcher, T.R., see Ravichandran, K. 261 (1996) 261
- Fonseca, T.L., see de Melo, C.P. 261 (1996) 28
- Fox, R.W., see Rudich, Y. 261 (1996) 467
- Frankevich, E.L., G.E. Zorinians, A.N. Chaban, M.M. Triebel, S. Blumstengel and V.M. Kobryanskii, Magnetic field effects on photoluminescence in PPP. Investigation of the influence of chain length and degree of order 261 (1996) 545

- Freudenberg, Th., see Radloff, W. 261 (1996) 301
- Fuchs, D., see Cummins, T.R. 261 (1996) 228
- Fujimura, Y., see Fujiwara, T. 261 (1996) 201
- Fujino, T., M. Kashitani, K. Fukuyama, J. Kubota, J.N. Kondo, A. Wada, K. Domen, C. Hirose, F. Wakabayashi and S.S. Kano, Population lifetimes of the OH stretching band of water molecules on zeolite surfaces 261 (1996) 534
- Fujiwara, T., Y. Fujimura and O. Kajimoto, Rotational coherence spectroscopy of 9,9'-bi-anthryl and its van der Waals complexes with Ar and H₂O 261 (1996) 201
- Fukuyama, K., see Fujino, T. 261 (1996) 534
- Furukawa, Y., see Hirata, S. 261 (1996) 241
- Fuss, W., see Kwok, W.M. 261 (1996) 685
- Gadd, G.E., P.J. Evans, D.J. Hurwood, J. Wood, S. Moricca, M. Blackford, M. Elcombe, S. Kennedy and M. James, Neutron irradiation of Ar₁C₆₀ 261 (1996) 221
- García, V.M., R. Caballol and J.P. Malrieu, Theoretical study of the ethylene electronic spectrum and extraction of an *r*-dependent Hubbard Hamiltonian 261 (1996) 98
- Gejo, T., H. Bitto and J.R. Huber, Quantum beats in the S₁ dynamics of acetaldehyde 261 (1996) 443
- Giering, T. and D. Haarer, Structural relaxations in amorphous water studied by hole-burning spectroscopy 261 (1996) 677
- Gill, P.M.W. and R.D. Adamson, A family of attenuated Coulomb operators 261 (1996) 105
- Gillan, M.J., see Andrews, S.B. 261 (1996) 521
- Gillan, M.J., see Lindan, P.J.D. 261 (1996) 246
- Graf, S., see Sabo, D. 261 (1996) 318
- Grein, F., see Bündgen, P. 261 (1996) 625
- Groenen, E.J.J., see Warntjes, J.B.M. 261 (1996) 495
- Gruner, D., see Dods, J. 261 (1996) 612
- Güdel, H.U., see Weihe, H. 261 (1996) 123
- Guo, H., see Chen, R. 261 (1996) 605
- Haarer, D., see Giering, T. 261 (1996) 677
- Hada, M., H. Kaneko and H. Nakatsuji, Relativistic study of nuclear magnetic shielding constants: tungsten hexahalides and tetraoxide 261 (1996) 7
- Hada, M., see Kaneko, H. 261 (1996) 1
- Hamaguchi, H.-o., see Iwata, K. 261 (1996) 208
- Haran, G., K. Wynne, A. Xie, Q. He, M. Chance and R.M. Hochstrasser, Excited state dynamics of bacteriorhodopsin revealed by transient stimulated emission spectra 261 (1996) 389
- Harrison, N.M., see Lindan, P.J.D. 261 (1996) 246
- Hartmann, J.M., see Ozanne, L. 261 (1996) 353
- Hauser, A., H. Riesen, R. Pellaux and S. Decurtins, Resonant excitation energy transfer in [Rh(bpy)₃][NaCr(ox)₃]ClO₄ 261 (1996) 313
- He, Q., see Haran, G. 261 (1996) 389
- Herman, M.F., see Lorenz, K.T. 261 (1996) 145
- Hertel, I.V., see Radloff, W. 261 (1996) 301
- Heseltine, T.H., see Ball, G.E. 261 (1996) 421
- Hillier, I.H., see Andrews, S.B. 261 (1996) 521
- Hirata, S., H. Torii, Y. Furukawa, M. Tasumi and J. Tomkinson, Inelastic neutron scattering from trans-polyacetylene 261 (1996) 241
- Hirose, C., see Fujino, T. 261 (1996) 534

- Hobza, P. and J. Šponer, Thermodynamic characteristics for the formation of H-bonded DNA base pairs 261 (1996) 379
- Hochstrasser, R.M., see Haran, G. 261 (1996) 389
- Hochstrasser, R.M., see Kumble, R. 261 (1996) 396
- Holender, J.M., see Andrews, S.B. 261 (1996) 521
- Holender, J.M., see Lindan, P.J.D. 261 (1996) 246
- Holleman, I., see Warntjes, J.B.M. 261 (1996) 495
- Hosoi, N., see Ueda, K. 261 (1996) 295
- Huang, J.-S., see Cheng, W.-D. 261 (1996) 66
- Huber, J.R., see Gejo, T. 261 (1996) 443
- Hudgens, J.W., see Johnson III, R.D. 261 (1996) 474
- Hughes, J.M., see Smart, B. 261 (1996) 51
- Hurwood, D.J., see Gadd, G.E. 261 (1996) 221
- Hynninen, P.H., see Tkachenko, N.V. 261 (1996) 234
- Illenberger, E., see Matejcik, S. 261 (1996) 437
- Imamura, T., see Rudich, Y. 261 (1996) 467
- Ishiwata, T., Y. Kasai and K. Obi, Observation of the $0_u^-(^3P_1)$ ion-pair state of Cl_2 by perturbation-facilitated optical-optical double resonance 261 (1996) 175
- Ithnin, R., see Jones, R.G. 261 (1996) 539
- Ito, F., see Nakanaga, T. 261 (1996) 414
- Itoh, C., T. Kondoh and K. Tanimura, Time-resolved spectroscopic study of the initial process of photopolymerization in a diacetylene crystal 261 (1996) 191
- Iwata, K. and H.-o. Hamaguchi, Temperature dependent kinetics of the picosecond bimolecular reaction between S_1 trans-stilbene and carbon tetrachloride: is the ultrafast photochemical reaction diffusion-controlled? 261 (1996) 208
- James, M., see Gadd, G.E. 261 (1996) 221
- Jarrold, M.F., see Shvartsburg, A.A. 261 (1996) 86
- Jensen, F., The magnitude of intramolecular basis set superposition error 261 (1996) 633
- Jeon, S.-J., see Song, N.W. 261 (1996) 307
- Jeoung, S.C., see Song, N.W. 261 (1996) 307
- Joens, J.A., Alternative assignments for the vibrational structure of the $^3B_1-X^1A_1$ band system of SO_2 261 (1996) 659
- Johnson III, R.D., J.W. Hudgens and M.N.R. Ashfold, Excited electronic states of the SiF_2 radical studied by resonance enhanced multiphoton ionisation spectroscopy and by ab initio methods 261 (1996) 474
- Jokisaari, J., see Koskela, T. 261 (1996) 425
- Jones, R.G., S. Turton and R. Ithnin, Formation of translationally hot ethene by dissociative electron capture of adsorbed 1,2-dichloroethane 261 (1996) 539
- Jørgensen, P., see Christiansen, O. 261 (1996) 369
- Jursic, B.S., Ab initio and density functional theory study of the diazene isomerization 261 (1996) 13
- Kai, Y., see Ueda, K. 261 (1996) 295
- Kajimoto, O., see Fujiwara, T. 261 (1996) 201
- Kambanis, K.G., Y.G. Lazarou and P. Papagiannakopoulos, Gas phase reaction kinetics of Cl atoms with ICH_2OCH_3 261 (1996) 457
- Kanehisa, N., see Ueda, K. 261 (1996) 295

- Kaneko, H., M. Hada, T. Nakajima and H. Nakatsuji, Spin-orbit effect on the magnetic shielding constant using the ab initio UHF method: tin tetrahalides 261 (1996) 1
- Kaneko, H., see Hada, M. 261 (1996) 7
- Kang, T.-I., see Song, N.W. 261 (1996) 307
- Kanhere, D.G., see Majumder, C. 261 (1996) 515
- Kano, S.S., see Fujino, T. 261 (1996) 534
- Kappes, M.M., see Cummins, T.R. 261 (1996) 228
- Kasai, Y., see Ishiwata, T. 261 (1996) 175
- Kashitani, M., see Fujino, T. 261 (1996) 534
- Kawakami, T., S. Takeda, W. Mori and K. Yamaguchi, Theoretical study of the effective exchange interactions between nitroxides via hydrogen atoms 261 (1996) 129
- Kennedy, S., see Gadd, G.E. 261 (1996) 221
- Kidoaki, S., see Noguchi, H. 261 (1996) 527
- Kiendler, A., see Matejcik, S. 261 (1996) 437
- Kim, D., see Song, N.W. 261 (1996) 307
- Kimura, K., see Vondrák, T. 261 (1996) 481
- Kiskinova, M., see Comelli, G. 261 (1996) 253
- Kitahama, Y. and H. Murai, CIDEP study on the flash photolysis of benzoin included in β -cyclodextrin 261 (1996) 160
- Klopper, W., M. Quack and M.A. Suhm, A new ab initio based six-dimensional semi-empirical pair interaction potential for HF 261 (1996) 35
- Knowles, P.J., see Tuckett, R.P. 261 (1996) 486
- Kobayashi, K., S. Nagase and T. Akasaka, Endohedral dimetallofullerenes $\text{Sc}_2\text{@C}_{84}$ and $\text{La}_2\text{@C}_{80}$. Are the metal atoms still inside the fullerene cages? 261 (1996) 502
- Kobryanskii, V.M., see Frankevich, E.L. 261 (1996) 545
- Koch, H., see Christiansen, O. 261 (1996) 369
- Kohama, M., see Ueda, K. 261 (1996) 295
- Koll, A., see Rospenk, M. 261 (1996) 283
- Komaguchi, K., see Kumada, T. 261 (1996) 463
- Kondo, J.N., see Fujino, T. 261 (1996) 534
- Kondoh, T., see Itoh, C. 261 (1996) 191
- Kopplitz, B., see Lorenz, K.T. 261 (1996) 145
- Koskela, T., M. Ylihautala, J. Vaara and J. Jokisaari, ^{13}C NMR spectroscopy of methane adsorbed in SAPO-11 molecular sieve 261 (1996) 425
- Kristóf, T. and J. Liszi, Alternative implementations of the Gibbs ensemble Monte Carlo calculation 261 (1996) 620
- Kubota, J., see Fujino, T. 261 (1996) 534
- Kulshrestha, S.K., see Majumder, C. 261 (1996) 515
- Kumada, T., K. Komaguchi, Y. Aratono and T. Miyazaki, A remarkable temperature dependence of the rate constant for the tunneling reaction $\text{HD} + \text{D} \rightarrow \text{H} + \text{D}_2$ in the low temperature region 2.6–6.5 K 261 (1996) 463
- Kumble, R., S. Palese, R.W. Visschers, P.L. Dutton and R.M. Hochstrasser, Ultrafast dynamics within the B820 subunit from the core (LH-1) antenna complex of *Rs. rubrum* 261 (1996) 396
- Kwok, W.M., W. Fuss and D.L. Phillips, Bond selective electronic excitation in $\text{IC}_2\text{H}_4\text{C}_2\text{F}_4\text{I}$ investigated by resonance Raman spectroscopy 261 (1996) 685
- Lambert, H.M., see Eng, R. 261 (1996) 651
- Lazarou, Y.G., see Kambanis, K.G. 261 (1996) 457

- Leicknam, J.-C., see Bratos, S. 261 (1996) 117
- Lemmetyinen, H., see Tkachenko, N.V. 261 (1996) 234
- Leone, S.R., see Williams, R.M. 261 (1996) 405
- Leutwyler, S., see Sabo, D. 261 (1996) 318
- Levstein, P.R., see Pastawski, H.M. 261 (1996) 329
- Lin, N., see Ding, J. 261 (1996) 92
- Lindan, P.J.D., N.M. Harrison, J.M. Holender and M.J. Gillan, First-principles molecular dynamics simulation of water dissociation on TiO_2 (110) 261 (1996) 246
- Liszi, J., see Kristóf, T. 261 (1996) 620
- Lizzit, S., see Comelli, G. 261 (1996) 253
- Loppnow, G.R., see Mitambo, M.M. 261 (1996) 691
- Lorenz, K.T., K.A. Cowen, P.E. Fleming, M.G. Mathews, M.F. Herman and B. Koplitz, Toward understanding the role of Stark effects when probing the nuclear hyperfine states of atomic hydrogen 261 (1996) 145
- Lubitz, W., see Zweygart, W. 261 (1996) 272
- Lucas, J.M., see Romero, T. 261 (1996) 583
- Maccaferri, G., see Melandri, S. 261 (1996) 267
- Mahapatra, U.S., see Mitra, A. 261 (1996) 363
- Majumder, C., G.P. Das, S.K. Kulshrestha, V. Shah and D.G. Kanhere, Ground state geometries and energetics of Al_nLi ($n = 1, 13$) clusters using ab initio density-based molecular dynamics 261 (1996) 515
- Malkin, V.G., O.L. Malkina and D.R. Salahub, Spin-orbit correction to NMR shielding constants from density functional theory 261 (1996) 335
- Malkina, O.L., see Malkin, V.G. 261 (1996) 335
- Malmqvist, P.-Å., see Christiansen, O. 261 (1996) 369
- Malrieu, J.P., see García, V.M. 261 (1996) 98
- Manners, I., see Masoumi, Z. 261 (1996) 551
- Marian, C.M., see Bündgen, P. 261 (1996) 625
- Maris, A., see Melandri, S. 261 (1996) 267
- Märk, T.D., see Matejcik, S. 261 (1996) 437
- Marsden, C., see Smart, B. 261 (1996) 51
- Martin, P.A., see Fehér, M. 261 (1996) 23
- Masoumi, Z., V. Stoeva, A. Yekta, Z. Pang, I. Manners and M.A. Winnik, Luminescence quenching method for probing the diffusivity of molecular oxygen in highly permeable media 261 (1996) 551
- Matejcik, S., P. Cicman, A. Kiendler, J.D. Skalny, E. Illenberger, A. Stamatovic and T.D. Märk, Low-energy electron attachment to mixed ozone/oxygen clusters 261 (1996) 437
- Mathews, M.G., see Lorenz, K.T. 261 (1996) 145
- Mayer, P.M. and T. Baer, The heat of formation of ClSO^+ 261 (1996) 155
- Mayne, H.R., see Niesse, J.A. 261 (1996) 576
- McCaffery, A.J., see Wilson, R.J. 261 (1996) 195
- Meijer, G., see Warntjes, J.B.M. 261 (1996) 495
- Melandri, S., G. Maccaferri, A. Maris, A. Millemaggi, W. Caminati and P.G. Favero, Observation of the rotational spectra of van der Waals complexes by free jet absorption millimeter wave spectroscopy: pyridine-argon 261 (1996) 267
- Meunier, H., P. Pagsberg and A. Sillesen, Kinetics and branching ratios of the reactions $\text{NH}_2 + \text{NO}_2 \rightarrow \text{N}_2\text{O} + \text{H}_2\text{O}$ and $\text{NH}_2 + \text{NO}_2 \rightarrow \text{H}_2\text{NO} + \text{NO}$ studied by pulse radiolysis combined with time-resolved infrared diode laser spectroscopy 261 (1996) 277

- Michel, R.H., see Cummins, T.R. 261 (1996) 228
- Millemaggi, A., see Melandri, S. 261 (1996) 267
- Mitambo, M.M. and G.R. Loppnow, Raman spectroscopy: a structural probe of solute-solvent interactions in ethyl 4-(dimethylamino)benzoate 261 (1996) 691
- Mitra, A., D. Sinha and U.S. Mahapatra, Open-shell coupled-cluster theory for a general incomplete model space using eigenvalue-independent partitioning 261 (1996) 363
- Miyawaki, J., see Nakanaga, T. 261 (1996) 414
- Miyazaki, T., T. Uda, I. Štich and K. Terakura, Theoretical study of the structural evolution of small hydrogenated silicon clusters: Si_6H_x 261 (1996) 346
- Miyazaki, T., see Kumada, T. 261 (1996) 463
- Miyoshi, E., see Noro, T. 261 (1996) 75
- Mori, W., see Kawakami, T. 261 (1996) 129
- Moricca, S., see Gadd, G.E. 261 (1996) 221
- Morimoto, H., see Ueda, K. 261 (1996) 295
- Munakata, M., see Ueda, K. 261 (1996) 295
- Muñoz-Crego, C. and J. Santamaría, The intermolecular relaxation of the NH stretching vibration of pyrrole in the liquid phase: a two-mode dynamical study 261 (1996) 569
- Murai, H., see Kitahama, Y. 261 (1996) 160
- Nagase, S., see Kobayashi, K. 261 (1996) 502
- Nagase, Y., see Abe, J. 261 (1996) 18
- Nakajima, T., see Kaneko, H. 261 (1996) 1
- Nakanaga, T., F. Ito, J. Miyawaki, K. Sugawara and H. Takeo, Observation of the infrared spectra of the NH_2 -stretching vibration modes of aniline- Ar_n ($n = 1, 2$) clusters in a supersonic jet using REMPI 261 (1996) 414
- Nakatsuji, H., see Hada, M. 261 (1996) 7
- Nakatsuji, H., see Kaneko, H. 261 (1996) 1
- Nemoto, N., see Abe, J. 261 (1996) 18
- Nestmann, B., see Bündgen, P. 261 (1996) 625
- Niesse, J.A. and H.R. Mayne, Minimization of small silicon clusters using the space-fixed modified genetic algorithm method 261 (1996) 576
- Noack, F., see Radloff, W. 261 (1996) 301
- Noguchi, H., S. Saito, S. Kidoaki and K. Yoshikawa, Self-organized nanostructures constructed with a single polymer chain 261 (1996) 527
- Noro, T., H. Yamagishi and E. Miyoshi, A cluster model study for Li KVV transitions on a Cu (001) surface 261 (1996) 75
- Obi, K., see Ishiwata, T. 261 (1996) 175
- Olsen, J., see Christiansen, O. 261 (1996) 369
- Orlandi, S., see Berardi, R. 261 (1996) 357
- Ozanne, L., J.M. Hartmann, J.P. Bouanich and C. Boulet, Collisional narrowing of gas phase infrared bands of CO_2 at high density 261 (1996) 353
- Pagsberg, P., see Meunier, H. 261 (1996) 277
- Palese, S., see Kumble, R. 261 (1996) 396
- Pang, Z., see Masoumi, Z. 261 (1996) 551
- Paolucci, G., see Comelli, G. 261 (1996) 253
- Papagiannakopoulos, P., see Kambanis, K.G. 261 (1996) 457

- Papanikolas, J.M., see Williams, R.M. 261 (1996) 405
- Pastawski, H.M., G. Usaj and P.R. Levstein, Quantum interference phenomena in the local polarization dynamics of mesoscopic systems: an NMR observation 261 (1996) 329
- Peeters, J., see Devriendt, K. 261 (1996) 450
- Pellaux, R., see Hauser, A. 261 (1996) 313
- Penner, G.H., Simultaneous determination of the lithium-6 nuclear quadrupolar coupling constant and chemical shift anisotropy in monomeric tri(isopropyl)phenyllithium 261 (1996) 665
- Phillips, D.L., see Kwok, W.M. 261 (1996) 685
- Prandolini, M.J., see Ball, G.E. 261 (1996) 421
- Quack, M., see Kloppe, W. 261 (1996) 35
- Radloff, W., Th. Freudenberg, H.-H. Ritze, V. Stert, F. Noack and I.V. Hertel, Lifetime of the benzene dimer in the S_2 electronic state 261 (1996) 301
- Rathje, J., see Williams, R.M. 261 (1996) 405
- Ravichandran, K., Y. Bai and T.R. Fletcher, Techniques for stimulated Raman excitation and CARS detection of radicals created by photodissociation 261 (1996) 261
- Ravishankara, A.R., see Rudich, Y. 261 (1996) 467
- Rayane, D., see Antoine, R. 261 (1996) 670
- Reininger, R., see Altmann, K.N. 261 (1996) 597
- Riesen, H., see Hauser, A. 261 (1996) 313
- Ritze, H.-H., see Radloff, W. 261 (1996) 301
- Rohlfing, E.A., see Tobiasson, J.D. 261 (1996) 387
- Romero, T., J. de Andrés, M. Albertí, J.M. Lucas, J. Rubio, J.P. Daudey and A. Aguilar, Adiabatic and diabatic representations of potential energy curves for the $(\text{NaRb})^+$ system 261 (1996) 583
- Rosei, R., see Comelli, G. 261 (1996) 253
- Rospenk, M., A. Koll and L. Sobczyk, Proton transfer and secondary deuterium isotope effect in the ^{13}C NMR spectra of ortho-aminomethyl phenols 261 (1996) 283
- Rubio, J., see Romero, T. 261 (1996) 583
- Rudich, Y., R.K. Talukdar, T. Imamura, R.W. Fox and A.R. Ravishankara, Uptake of NO_3 on KI solutions: rate coefficient for the $\text{NO}_3 + \text{I}^-$ reaction and gas-phase diffusion coefficients for NO_3 261 (1996) 467
- Sabo, D., Z. Bačić, S. Graf and S. Leutwyler, Three-dimensional model treatment of the torsional levels of isotopic water trimers 261 (1996) 318
- Saito, S., see Noguchi, H. 261 (1996) 527
- Salahub, D.R., see Malkin, V.G. 261 (1996) 335
- Santamaría, J., see Muñoz-Crego, C. 261 (1996) 569
- Sassara, A., G. Zerza and M. Chergui, Phosphorescence of C_{60} in rare gas matrices 261 (1996) 213
- Sato, S., see Vondrák, T. 261 (1996) 481
- Scheblykin, I.G., M.A. Drobizhev, O.P. Varnavsky, M. Van der Auweraer and A.G. Vitukhnovsky, Reorientation of transition dipoles during exciton relaxation in J-aggregates probed by fluorescence anisotropy 261 (1996) 181
- Schmidt, M., see Cummins, T.R. 261 (1996) 228
- Schneider, K.-P., Computer simulation of the surface roughness of lipid membranes 261 (1996) 81
- Schuppler, S., see Cummins, T.R. 261 (1996) 228
- Shah, V., see Majumder, C. 261 (1996) 515

- Shibamoto, Y., see Ueda, K. 261 (1996) 295
- Shirai, Y., see Abe, J. 261 (1996) 18
- Shizuka, H., see Yamaji, M. 261 (1996) 289
- Shizuka, H., see Yoshihara, T. 261 (1996) 431
- Shvartsburg, A.A. and M.F. Jarrold, An exact hard-spheres scattering model for the mobilities of polyatomic ions 261 (1996) 86
- Sillescu, A., see Meunier, H. 261 (1996) 277
- Sinha, D., see Mitra, A. 261 (1996) 363
- Skalny, J.D., see Matejcik, S. 261 (1996) 437
- Smart, B., C. Marsden, J.M. Hughes, F. Wang and E.I. von Nagy-Felsobuki, Variational calculations of the rovibrational energy levels of K_2Na^+ 261 (1996) 51
- Sobczyk, L., see Rospenk, M. 261 (1996) 283
- Song, N.W., T.-I. Kang, S.C. Jeoung, S.-J. Jeon, B.R. Cho and D. Kim, Improved method for measuring the first-order hyperpolarizability of organic NLO materials in solution by using the hyper-Rayleigh scattering technique 261 (1996) 307
- Šponer, J., see Hobza, P. 261 (1996) 379
- Stamatovic, A., see Matejcik, S. 261 (1996) 437
- Stepanov, N.F., see Buchachenko, A.A. 261 (1996) 591
- Stert, V., see Radloff, W. 261 (1996) 301
- Štich, I., see Miyazaki, T. 261 (1996) 346
- Stoeva, V., see Masoumi, Z. 261 (1996) 551
- Suenaga, Y., see Ueda, K. 261 (1996) 295
- Sugawara, K., see Nakanaga, T. 261 (1996) 414
- Sugimoto, T., see Ueda, K. 261 (1996) 295
- Suhm, M.A., see Kloppe, W. 261 (1996) 35
- Sundström, V., see Chachisvilis, M. 261 (1996) 165
- Suter, H.U. and B. Engels, An ab initio determination of the magnetic hyperfine structure of C_2 in the four lowest triplet states 261 (1996) 644
- Suto, K., see Yamaji, M. 261 (1996) 289
- Takeda, S., see Kawakami, T. 261 (1996) 129
- Takeo, H., see Nakanaga, T. 261 (1996) 414
- Talukdar, R.K., see Rudich, Y. 261 (1996) 467
- Tanaka, T., see Yamaji, M. 261 (1996) 289
- Tanimura, K., see Itoh, C. 261 (1996) 191
- Tasumi, M., see Hirata, S. 261 (1996) 241
- ten Grotenhuis, E., J.C. van Miltenburg and J.P. van der Eerden, Preparation of anthracene micro-crystals by spin-coating and atomic force microscopy study of the molecular packing 261 (1996) 558
- Terakura, K., see Miyazaki, T. 261 (1996) 346
- Thakkar, A.J., see Bündgen, P. 261 (1996) 625
- Tkachenko, N.V., P.H. Hynninen and H. Lemmetyinen, Photoelectric signals of chlorophyll *a* Langmuir-Blodgett films 261 (1996) 234
- Tobiason, J.D. and E.A. Rohlffing, Reply to the Comment on "Lifetimes of vibrational levels in the \tilde{B}^2A' state of HCO " 261 (1996) 387
- Tomkinson, J., see Hirata, S. 261 (1996) 241
- Torii, H., see Hirata, S. 261 (1996) 241
- Toyota, N., see Ueda, K. 261 (1996) 295

- Triebel, M.M., see Frankevich, E.L. 261 (1996) 545
- Tuckett, R.P. and P.J. Knowles, The geometry of the \tilde{X}^2A_1 state of PF_3^+ : experiment and theory 261 (1996) 486
- Turton, S., see Jones, R.G. 261 (1996) 539
- Uda, T., see Miyazaki, T. 261 (1996) 346
- Ueda, K., T. Sugimoto, S. Endo, N. Toyota, M. Kohama, K. Yamamoto, Y. Suenaga, H. Morimoto, T. Yamaguchi, M. Munakata, N. Hosoi, N. Kanehisa, Y. Shibamoto and Y. Kai, 1:2 TCNQ/TCNQ $^{2-}$ mixed salts exhibiting ferromagnetic behavior at room temperature 261 (1996) 295
- Usaj, G., see Pastawski, H.M. 261 (1996) 329
- Vaara, J., see Koskela, T. 261 (1996) 425
- Van der Auweraer, M., see Scheblykin, I.G. 261 (1996) 181
- Van der Eerden, J.P., see ten Grotenhuis, E. 261 (1996) 558
- Van Look, H., see Devriendt, K. 261 (1996) 450
- Van Miltenburg, J.C., see ten Grotenhuis, E. 261 (1996) 558
- Varnavsky, O.P., see Scheblykin, I.G. 261 (1996) 181
- Visschers, R.W., see Kumble, R. 261 (1996) 396
- Vitukhnovsky, A.G., see Scheblykin, I.G. 261 (1996) 181
- Vondrák, T., S. Sato and K. Kimura, Zero kinetic energy photoelectron study of the naphthalene-Ar van der Waals complex 261 (1996) 481
- Von Nagy-Felsobuki, E.I., see Smart, B. 261 (1996) 51
- Voth, G.A., see Cao, J. 261 (1996) 111
- Wada, A., see Fujino, T. 261 (1996) 534
- Wakabayashi, F., see Fujino, T. 261 (1996) 534
- Wang, F., see Smart, B. 261 (1996) 51
- Wängberg, I., I. Barnes and K.H. Becker, Atmospheric chemistry of bifunctional cycloalkyl nitrates 261 (1996) 138
- Warntjes, J.B.M., I. Holleman, G. Meijer and E.J.J. Groenen, Photoluminescence of molecular C_{70} at 1.5 K. On the nature of the lowest excited states 261 (1996) 495
- Weihe, H. and H.U. Güdel, Kinetic exchange and strong ferromagnetic interactions 261 (1996) 123
- Weng, L.-T., see Ding, J. 261 (1996) 92
- Wiegardt, K., see Zwegart, W. 261 (1996) 272
- Williams, R.M., J.M. Papanikolas, J. Rathje and S.R. Leone, Quantum-state-resolved 2-level femtosecond rotational coherence spectroscopy: determination of rotational constants at medium and high J in Li_2 , a simple diatomic system 261 (1996) 405
- Wilson, R.J. and A.J. McCaffery, Velocity selected laser polarization spectroscopy: a powerful and versatile method of obtaining the state-to-state differential cross section 261 (1996) 195
- Winnik, M.A., see Masoumi, Z. 261 (1996) 551
- Wood, J., see Gadd, G.E. 261 (1996) 221
- Wynne, K., see Haran, G. 261 (1996) 389
- Xie, A., see Haran, G. 261 (1996) 389
- Yamagishi, H., see Noro, T. 261 (1996) 75
- Yamaguchi, K., see Kawakami, T. 261 (1996) 129

- Yamaguchi, T., see Ueda, K. 261 (1996) 295
- Yamaji, M., T. Tanaka, K. Suto and H. Shizuka, Laser photolysis studies of the formation and decay processes of triplet polyphenyl compounds sensitized by triplet benzophenone 261 (1996) 289
- Yamaji, M., see Yoshihara, T. 261 (1996) 431
- Yamamoto, K., see Ueda, K. 261 (1996) 295
- Yang, S., see Ding, J. 261 (1996) 92
- Yekta, A., see Masoumi, Z. 261 (1996) 551
- Ylihautala, M., see Koskela, T. 261 (1996) 425
- Yoshihara, T., M. Yamaji and H. Shizuka, Laser photolysis studies on hydrogen atom abstraction by triplet benzophenone from hydroxylanilinium ions 261 (1996) 431
- Yoshikawa, K., see Noguchi, H. 261 (1996) 527
- Zannoni, C., see Berardi, R. 261 (1996) 357
- Zerza, G., see Sassara, A. 261 (1996) 213
- Zhang, Q.-E., see Cheng, W.-D. 261 (1996) 66
- Zorinants, G.E., see Frankevich, E.L. 261 (1996) 545
- Zweygart, W., R. Bittl, K. Wieghardt and W. Lubitz, EPR and ^{55}Mn cw-ENDOR study of an antiferromagnetically coupled dinuclear manganese ($\text{Mn}^{\text{III}}\text{Mn}^{\text{IV}}$) complex 261 (1996) 272